

Title (en)

METHOD FOR CONTROLLING THE START-UP OF A VEHICLE COMPRISING AN ENGINE START-STOP SYSTEM

Title (de)

VERFAHREN ZUR STEUERUNG DES STARTVORGANGS EINES FAHRZEUGS MIT EINEM START/STOPP-MOTORSYSTEM

Title (fr)

PROCEDE DE COMMANDE D'UN DEMARRAGE D'UN VEHICULE EQUIPE D'UN SYSTEME DE MISE EN VEILLE D'UN MOTEUR

Publication

EP 2627544 A2 20130821 (FR)

Application

EP 11771238 A 20110921

Priority

- FR 1058249 A 20101011
- FR 2011052169 W 20110921

Abstract (en)

[origin: WO2012049385A2] The invention relates to a method for controlling the start-up of a vehicle comprising an engine start-stop system, said method including the actuation (52) of the start-up of the vehicle. The invention is characterised in that the method also comprises the following steps: an autonomous engine state is indicated (62) in response to the simultaneous occurrence of (i) the injection of fuel into the combustion chambers of the heat engine and (ii) a heat engine speed above a pre-defined threshold S1, said threshold S1 being equal to an engine speed that cannot be achieved without combustion in the combustion chambers during the start-up of the vehicle; and, in response to the aforementioned autonomous engine state indication, the closing of a clutch is controlled (66) according to a pre-defined motor speed set value in order to slave the motor speed to said pre-defined set value.

IPC 8 full level

B60T 7/12 (2006.01); **B60W 10/02** (2006.01); **B60W 30/18** (2012.01)

CPC (source: EP US)

B60T 7/122 (2013.01 - EP US); **B60W 10/02** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 30/18027** (2013.01 - EP US); **B60W 30/18054** (2013.01 - EP US); **B60W 30/18063** (2013.01 - EP US); **B60W 30/18118** (2013.01 - EP US); **B60W 30/1888** (2013.01 - EP US); **F02D 45/00** (2013.01 - US); **B60W 2710/021** (2013.01 - EP US); **B60W 2710/0644** (2013.01 - EP US); **B60W 2710/0655** (2013.01 - EP US)

Citation (search report)

See references of WO 2012049385A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2965779 A1 20120413; **FR 2965779 B1 20130614**; CN 103153722 A 20130612; CN 103153722 B 20160120; EP 2627544 A2 20130821; EP 2627544 B1 20220518; US 2013211697 A1 20130815; US 9194326 B2 20151124; WO 2012049385 A2 20120419; WO 2012049385 A3 20120830

DOCDB simple family (application)

FR 1058249 A 20101011; CN 201180049149 A 20110921; EP 11771238 A 20110921; FR 2011052169 W 20110921; US 201113824560 A 20110921